<110> Gonzalgo, Mark L.
      Jones, Peter A.
      Liang, Ganging

<120> A Cancer Diagnostic Method Based Upon DNA Methylation
Differences

<130> 47675-21

<140> US 09/887,941

<141> 2001-06-22

<150> US 09/094,207

<151> 1998-06-09

<160> 17

<170> MS Word

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ccctttccct tgctgtccat ctccacagaa aagaagcaag tggaggacag 200
gagccagaaa gtcatctggc cgcggatcat tccggagtga cccccgccgc 250
caccactcgc atagtccgct tatggcggga gggcacctca gagattctca 300
caggggctgt gcggccagaa ccagaagtgc aaagcaccgt tagcgactct 350
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gggctagtgg gctaagaaaa gagctcaccg actgactgcc caacagctgt 450
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gcgggagggg ggaacattta gagagcccta   530

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gcgtttgaca gccacttaag gaggtaggga aagcgagctt caccgggcgg 150
gctacgatga gtagcatgac gggcagcagc agcagcagcc agcaaaagcc 200
tagcaaaagtg tccagctgct gcactgccgc ggggactccc acatcaccat 250
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1

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ctccaccagc accgagcctc acacgggctg tgcctccatc tttggaatgc 100
ctacccttct ttcttgcgaa gcccctccca gggccagccc ttgtgcaccg 150
gctcaagggg actgctctcc tgcctcg 177

<210> 4
<211> 148
<212> DNA
<213> Homo sapiens

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tatttccatt tcttatttca gtttgccacc aaaacaaagc tgcgcgcggc 100
tgagggcagg aaggcgctga gaccgaccga gaagaaggga cgtcccgg 148

<210> 5
<211> 384
<212> DNA
<213> Homo sapiens

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accatgccct aggcccgagt ctgcggctct tggggatct ctccgagctc 150
cgacaccgtg ttcggaccgg gtgcgccctg ccgctggggc tcaagcctgc 200
aggcgtgaga accggggggac tctctatggc accaagagct tcaccgtgag 250
cgtaggcaga agcttcgctt tgatcctagg gcttacaaag tcctcctttg 300
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gccagacagt gtaaatgagt gttgggaccg gcgt 384

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gtccaaagtt tcaggaaaac aacttccgcc agagggcacg tagagggcac  150
agatgctata gatgcttctc tgacaaacac tcctgacccc cttgacagat  200
tggaaaatac atggttcaga aagggtgaga gatttcaact tgagaagtga  250
aactaggaaa agatggaagg tgtccggatt tctagctcaa gtccacacac  300
tgcttctgct gcggtgacta aatcgtggct gtgttctcat cacctgcctc  350
gcggcgcgc                                                359
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<213> Homo sapiens

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cgagcctcct caggattcct cgccccagtg cagatgctgt gagcttagac  150
gaggacaggg catggcactc ggcttggccc gtagtggacg gtgttttttgc  200
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<211> 145
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<213> Homo sapiens
<220>
<221> unsure
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<223> a, g, c, or t sequence variation may exist at this position

<220>
<221> unsure
<222> nucleotide 127
<223> a, g, c, or t sequence variation may exist at this position

<400> 9
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tgagagcagc atcctcccct gcgtgtggtt ctctaactta cctcctgtat   50
ggggtctgcg gacccagcac acctcccggg cccccaaaaa attccagctc  100
aagagccctta aaaatcctta ccctgnnaaa gtttgagctt ctccc       145
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ggtcacgctc acagtcaccg cctccaccag actgagcgac cctcccaacg  150
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3

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gggtttgccg tgttgggagg acagcggagt ttcgttgctg tgtcaatttg 200
tgtagacgcg gctgc                                           215


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<211> 220
<212> DNA
<213> Homo sapiens

<400> 11
ctgctctctt ctcttctttt cccctttcct ctcctctccc tttcctcagg  50
tcacagcgga gtgaatcagc tcggtggtgt ctttgtcaac gggcggccac 100
tgccggactc cacccggcag aagattgtag agctagctca cagcggggcc 150
cggccgtgcg acatttcccg aattctgcag gtgatcctcc cggcgccgcc 200
ccactcgccg cccccgcggc                                    220


<210> 12
<211> 196
<212> DNA
<213> Homo sapiens

<400> 12
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ttcgcccaga gaacgcaaga cggtggatca gagatgagtc ccaggaacct 100
cagagagcga ggctgacagg cccgggggaga ggaccgggca gggacaaacc 150
agcggacaga gcagagcgcg aaatggttga gaccgggaag cgacct      196


<210> 13
<211> 22
<212> DNA
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<223> MS-SNuPE primer from human p16 promoter region

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gtaggtgggg aggagtttag tt                                  22


<210> 14
<211> 23
<212> DNA
<213> Artificial Sequence
<220>
<223> MS-SNuPE primer from human p16 promoter region

<400> 14
tctaataacc aaccaacccc tcc                                 23


<210> 15
<211> 21
<212> DNA
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<223> MS-SNuPE primer from human p16 promoter region
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4

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<211> 18
<212> DNA
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<223> MS-SNuPE primer from human p16 promoter region

<400> 16
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<210> 17
<211> 15
<212> DNA
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<223> MS-SNuPE primer from human p16 promoter region

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